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**STATEMENT REGARDING CONTENT OF PAPER AND COMPUTER
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Sir:

The above-identified application contains a Sequence Listing. In accordance with M.P.E.P. § 2224.06 and 37 C.F.R. § 1.821(f), the undersigned agent for Applicants states that the content of the paper and computer readable copies of the Sequence Listing enclosed herewith are the same.

Dated: May 4, 2001

Respectfully submitted,



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SEQUENCE LISTING

<110> Aphton Corporation

<120> Chimeric Peptide for Use as Immunogen

<130> 1102865-0047

<150> 60/202,328

<151> 2000-05-05

<160> 20

<170> PatentIn version 3.0

<210> 1

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<212> PRT

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<223> Pyroglutamic acid or 5-oxoproline

<220>

<221> MOD_RES

<222> (10)..(10)

<223> Amidated-glycine or glycineamide

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<223> Amino acid sequence 829-844 of the Tetanus
Toxoid Precursor (Tentoxylisin)

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<210> 3

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<222> (1)..(20)

<223> Amino acid sequence 378-398 of the Plasmodium
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Val Val Asn Ser
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<222> (1)..(21)

<223> Amino acid sequence 947-967 of Tetanus
Toxoid Precursor (Tentoxylisin)

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Ala Ser His Leu Glu
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<210> 5

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Gly Pro Ser Leu
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<210> 6

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<400> 6

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<211> 8

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measles virus fusion protein, F

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<223> Spacer peptide

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<222> (23)..(31)
 <223> Ppeptide corresponds to amino acid sequences 2-10 of the human GnRH hormone

<220>
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 <222> (31)..(31)
 <223> Amidated glycine or glycineamide

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Val Glu Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg Pro Gly
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 <222> (26)..(34)

"Gibbs" 423186

<223> Amino acids 2-10 of the human GnRH hormone

<220>

<221> MOD_RES

<222> (34)..(34)

<223> Amidated glycine or glycinamide

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Ala Ser His Leu Glu Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg
20 25 30

Pro Gly

<210> 11

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<223> Amidated-glutamine

<220>

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<222> (28)..(28)

<223> Amidated-glycine or glycinamide

<220>

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<223> Amino acid sequence 830-844 of the Tetanus Toxoid Precursor
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<223> Amidated glycine or glycineamide

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(CSP) protein

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<222> (25)..(33)
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Val Val Asn Ser Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg Pro
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Gly

<210> 13
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<223> Pyro-glutamic acid or 5-oxoproline

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5

10

15

Lys Leu Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly

20

25

30

Val Glu

<210> 14

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 $\langle 220 \rangle$

<221> PEPTIDE

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<223> Amino acid sequence 1-10 of the human GnRH hormone

 $\langle 220 \rangle$

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 $\langle 222 \rangle$ (11)..(16)

<223> Spacer peptide

 $\langle 220 \rangle$

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<222> (17)..(37)
 <223> Amino acid sequence 947-967 of the Tetanus toxoid precursor
 (Tentoxylisin)

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Phe Asn Asn Phe Thr Val Ser Phe Trp Leu Arg Val Pro Lys Val Ser
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Ala Ser His Leu Glu
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<210> 15
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 <223> Amino acid sequence 830-844 of the Tetanus toxoid precursor
 (Tentoxylisin)

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<210> 16

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<223> Amino acid sequence 1-10 of the human GnRH hormone

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<223> Spacer peptide

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<222> (17)..(36)

<223> Amino acid sequence 378-398 of the Malaria
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(CSP) protein

"GnRH" residues

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Asp Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe Asn
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Val Val Asn Ser
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<223> Pyro-glutamic acid or 5-oxoproline

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<223> Amino acid sequence 1-10 of the human GnRH hormone

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<221> PEPTIDE

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<223> Amino acid sequence 288-302 of the Measles
virus fusion protein, F

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<222> (39)..(47)
<223> Amino acid sequence 2-10 of the human GnRH hormone

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Lys Leu Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly
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Val Glu Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg Pro Gly
35 40 45

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 (Tentoxylisin)

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Ala Ser His Leu Glu Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg
 35 40 45

Pro Gly
 50

<210> 19
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(Tentoxylisin)

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<223> Spacer peptide

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<222> (38)..(46)

<223> Amino acid sequence 2-10 of the human GnRH hormone

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1 5 10 15

Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu Leu Ser
20 25 30

Ser Gly Pro Ser Leu His Trp Ser Tyr Gly Leu Arg Pro Gly
35 40 45

<210> 20

<211> 51

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<223> Amino acid sequence 378-398 of the Malaria circumsporozoite (CSP) protein

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<222> (37)..(42)

<223> Spacer peptide

<220>

<221> PEPTIDE

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<223> Amino acid sequence 2-10 of the human GnRH hormone

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1 5 10 15

Asp Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe Asn
20 25 30

Val Val Asn Ser Ser Ser Gly Pro Ser Leu His Trp Ser Tyr Gly Leu
35 40 45

Arg Pro Gly
50